

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

**LISTING OF CLAIMS:**

1. (Currently Amended) A motor drive device for an air conditioner comprising:  
  
a converter ~~which receives AC power~~ including a pair of first diodes that are connected in forward series and a switch circuit connected between the first diodes, the switch circuit having a switching device and a pair of second diodes connected in reverse series that are connected in parallel to the switching device, a point between the second diodes being configured to receive AC power;  
  
a three phase inverter which receives output voltage from the converter and outputs an AC voltage to a motor for the air conditioner; and  
  
a control means which controls the converter so as to maximize efficiency.
2. (Previously Presented) The motor drive device as set forth in claim 1,  
wherein  
  
the converter includes a three phase converter.
3. (Previously Presented) The motor drive device as set forth in claim 1,  
wherein  
  
the converter includes a single phase converter.

4. (Previously Presented) The motor drive device as set forth in claim 1,  
further comprising

a reactor connected in series to the converter on an input side of the converter; and

a capacitor connected in parallel to the converter on the input side of the converter.

5. (Currently Amended) ~~The~~ A motor drive device ~~as set forth in claim 1,~~  
~~wherein~~ for an air conditioner comprising:

a converter which receives AC power;

a three phase inverter which receives output voltage from the converter and outputs an  
AC voltage to a motor for the air conditioner; and

a control means which controls the converter so as to maximize efficiency,

the converter ~~includes~~ including two pairs of ~~switching devices each connected in~~  
~~series, a number of pairs corresponding to a phase number, serially connected diodes,~~ and a  
diode ~~which is of each pair being~~ connected in reverse parallel to each a switching device to  
form a switch circuit, each of the switch circuits being free from a connection in series with  
any other switch circuit, the ~~pairs of switching devices are~~ switch circuits being connected in  
parallel to each other.

6. (Cancelled)

7. (Currently Amended) The motor drive device as set forth in claim ~~2~~ 5, further comprising

a reactor connected in series to the converter on an input side of the converter; and

a capacitor connected in parallel to the converter on the input side of the converter.

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)